

Title (en)
PROCESS FOR THE MANUFACTURE OF N-PHOSPHONOMETHYLGLYCINE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON N-PHOSPHONOMETHYLGLYZIN

Title (fr)
PROCEDE DE FABRICATION DE LA N-PHOSPHONOMETHYLGLYCINE

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Application
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Priority
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Abstract (en)
[origin: WO9615135A1] A process whereby N-phosphonomethylglycine (glyphosate) or its salts is manufactured by: 1) forming N-phosphonomethylglycinonitrile by reacting aminomethylphosphonic acid, an alkali metal cyanide and formaldehyde in aqueous solution at a pH in the range from 10 to 13 (and preferably from 11 to 11.5) whilst adding mineral acid at a rate sufficient to maintain the pH within the desired range, and thereafter 2) hydrolysing the N-phosphonomethylglycinonitrile product of Stage 1) to form a salt of N-phosphonomethylglycine and optionally 3) neutralising the salt of N-phosphonomethylglycine to form N-phosphonomethylglycine.

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